

COMPOSITIONS AND METHODS FOR
PLANT TRANSFORMATION AND REGENERATION
ABSTRACT OF THE DISCLOSURE

Improved compositions and methods for transformation and regeneration of plants from embryogenic callus are disclosed that include, for example: use of an intermediate-incubation medium after callus induction to increase the competence of the transformed cells for regeneration; dim light conditions during early phases of selection; 5 use of green callus tissue as a target for microprojectile bombardment; and media with optimized levels of phytohormones and copper concentrations.

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